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Order from OTS, ETC or CNRS 51.60 TT-62-28727

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DESCRIPTORS: *Chemical indicators, *Chromatographic analysis, Amino acids, Synthesis (Chemistry)

(Chemistry, TT, v. 11, no. 9)

TT-62-28727

- I. Title: Ninhydrin
- I. Gustowski, W.
- II. CNRS-VI 718
- III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
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A study was made of the solubility of caffeine, theophylline, and theobromine in sodium and potassium chloride, bromide, iodide, and thiocyanate solutions of concentrations between 0 and 3M. Sodium and potassium iodide and thiocyanate increase the solubility of these compounds; the chlorides and the sulphates exert a salting-out effect, whereas the bromides have practically no effect on the solubility. A constant which describes the qualitative and quantitative effects of a salt on solubility is proposed. (Author)
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 2. Alkaloids--Solubility
 3. Thiocyanates--Solvent properties
 4. Theophylline--Solubility
 5. Theobromines--Solubility
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 - II. RTS-1760
 - III. Department of Scientific and Industrial Research (Gt. Brit.)

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DESCRIPTORS: *Seismic waves, *Mechanical waves,
Propagation, Velocity, Flat plate models, Measurement,
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The paper contains a description of a type of elastic
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either characteristic single arrivals which render
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arrivals or the period of the sinusoidal wave is pro-
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 - III. NSF-60-72
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II. Hertel
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